

# Why is the seafloor spreading?

## Lesson Review

Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true.

- \_\_\_\_\_ 1. The two kinds of crust are oceanic crust and land.
- \_\_\_\_\_ 2. Series of underwater mountain chains are called mid-ocean ridges.
- \_\_\_\_\_ 3. Iceland is part of the Mid-Pacific Ridge.
- \_\_\_\_\_ 4. Oceanic crust near a mid-ocean ridge is older than crust farther away.
- \_\_\_\_\_ 5. The deep crack running down the center of an ocean ridge is called a trench.
- \_\_\_\_\_ 6. New continental crust is formed at the mid-ocean ridges.
- \_\_\_\_\_ 7. Seafloor spreading is a process that forms new oceanic crust.

## Skill Challenge

**Skills:** modeling, identifying

Complete the following.

1. Label the lettered parts of Figure A. Use these labels: *oceanic crust*, *Iceland*, and *Mid-Atlantic Ridge*.

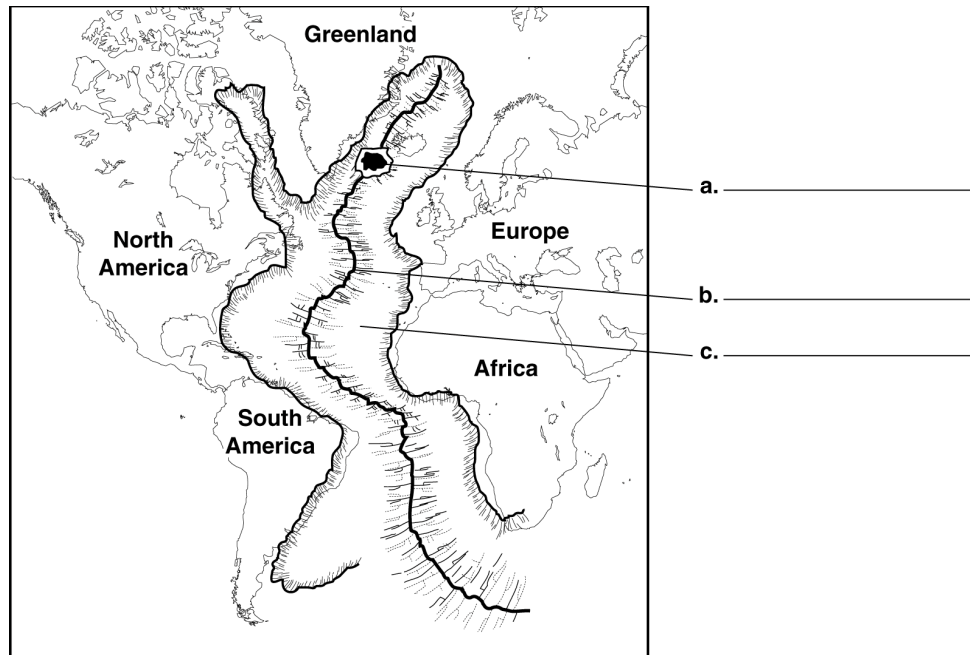


Figure A

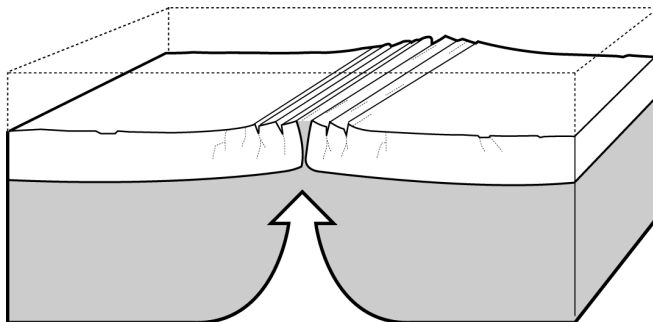


Figure B

2. Label Figure B. Use these terms: *rising magma*, *ocean crust*, *mid-ocean ridge*, and *rift valley*.
3. Draw arrows on Figure B to show seafloor spreading.